

FIG. 1

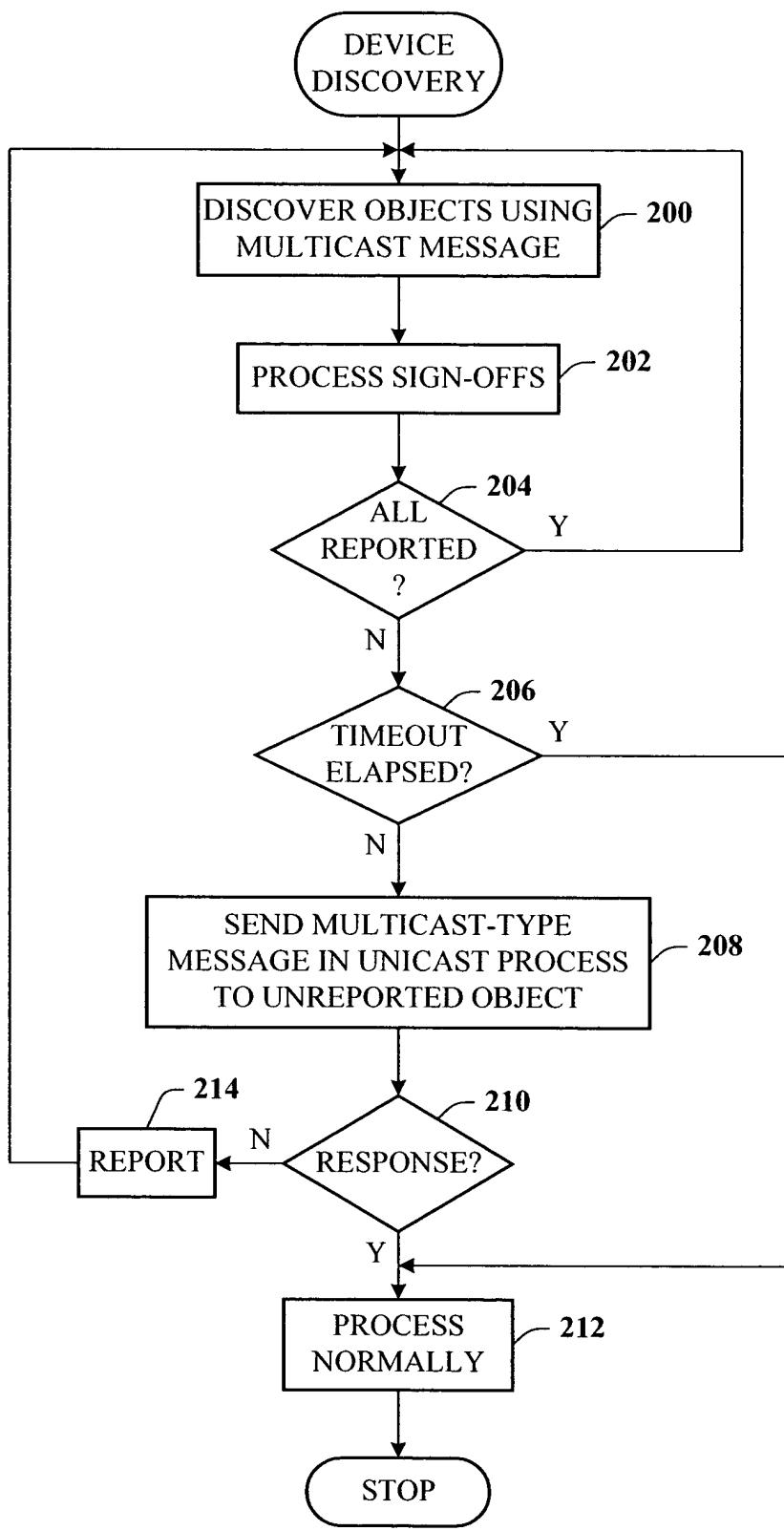


FIG. 2

300

UPnP VENDOR	<u>302</u>
UPnP FORUM	<u>304</u>
UPnP DEVICE ARCHITECTURE	<u>306</u>
HTTPMU (MULTICAST)	<u>308</u>
GENA	SSDP
HTTPU (UNICAST)	<u>310</u>
SSDP	
SOAP	
HTTP	<u>312</u>
HTTP	GENA
UDP	<u>314</u>
TCP	<u>316</u>
IP	<u>318</u>

FIG. 3A

UPnP VENDOR	<u>302</u>
UPnP FORUM	<u>304</u>
UPnP DEVICE ARCHITECTURE	<u>306</u>
HTTPMU (MULTICAST)	<u>308</u>
GENA	SSDP
HTTPMU (MULTICAST)	<u>320</u>
UDP	<u>314</u>
IP	<u>318</u>

FIG. 3B

322

	NT	USN
1	ROOT DEVICE UUID	ROOT DEVICE UUID
2	DEVICE TYPE: DEVICE VERSION	ROOT DEVICE UUID AND :: AND DEVICE TYPE: DEVICE VERSION
3	UPNP: ROOTDEVICE	ROOT DEVICE UUID AND :: AND UPNP:ROOTDEVICE

324

	NT	USN
1	EMBEDDED DEVICE UUID	EMBEDDED DEVICE UUID
2	DEVICE TYPE: DEVICE VERSION	EMBEDDED DEVICE UUID AND :: AND DEVICE TYPE: DEVICE VERSION

326

	NT	USN
1	SERVICE TYPE: SERVICE VERSION	ENCLOSING DEVICE UUID AND :: AND SERVICE TYPE: SERVICE VERSION

FIG. 3C

328

UPnP VENDOR	<u>302</u>
UPnP FORUM	<u>304</u>
UPnP DEVICE ARCHITECTURE	<u>306</u>
HTTPU <u>330</u> (UNICAST)	SSDP
HTTPU <u>332</u> (UNICAST)	SSDP
UDP	<u>314</u>
IP	<u>318</u>

FIG. 3D

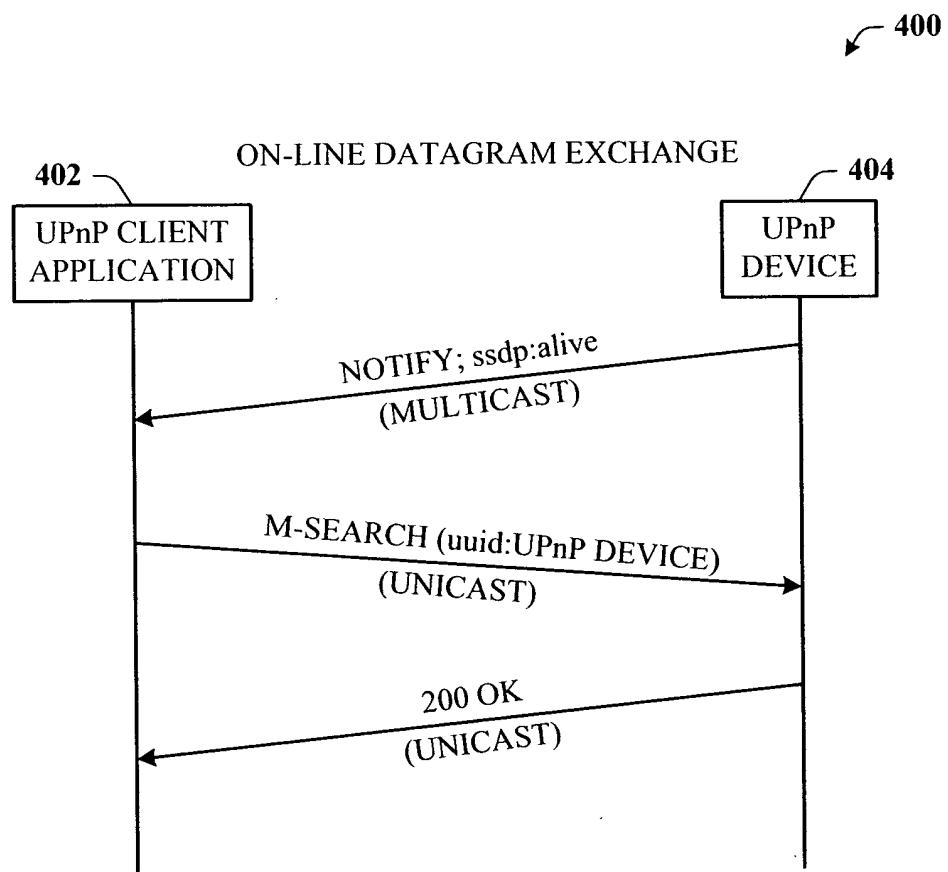


FIG. 4

500

DEVICE OFF-LINE DATAGRAM EXCHANGE

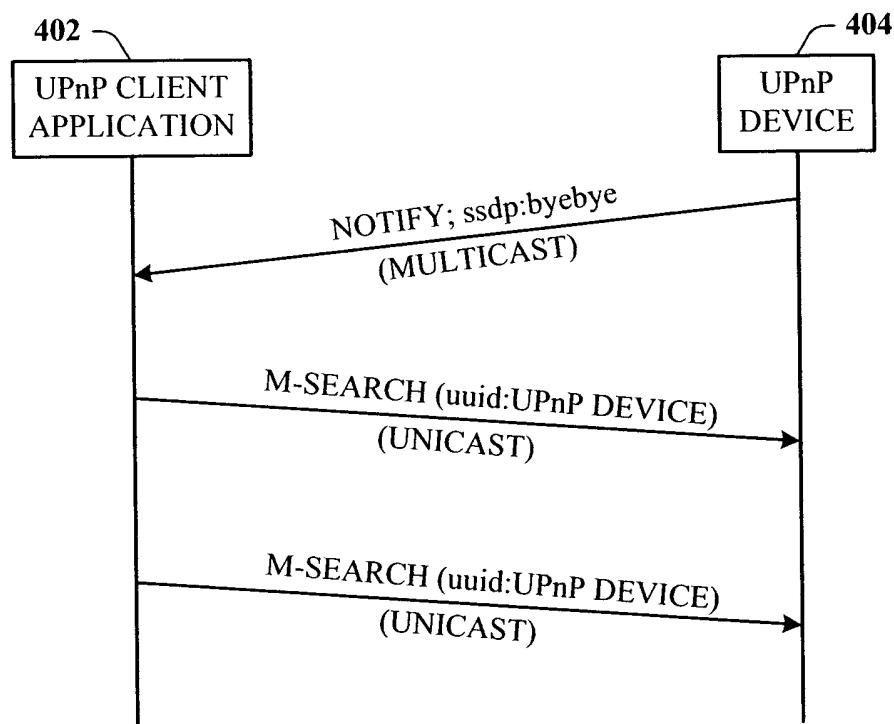


FIG. 5

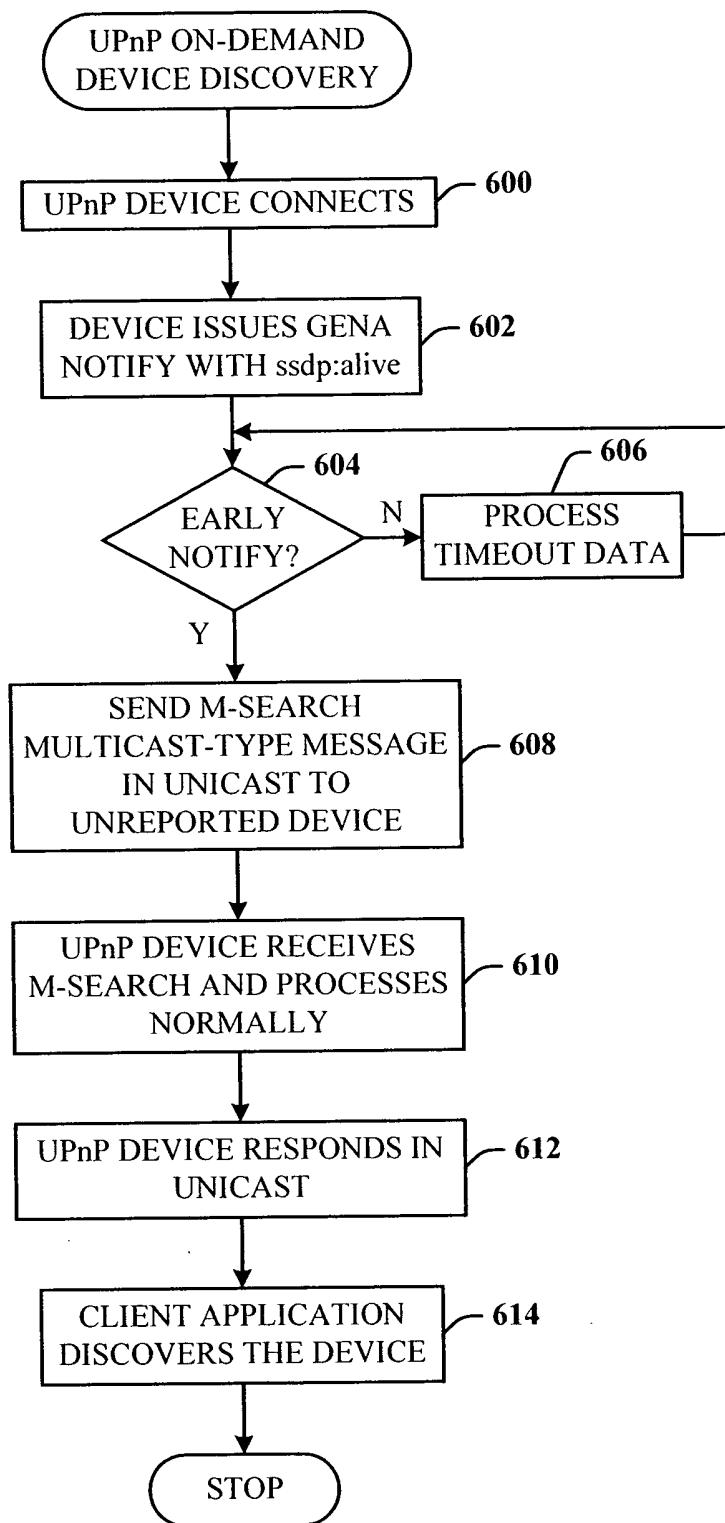


FIG. 6

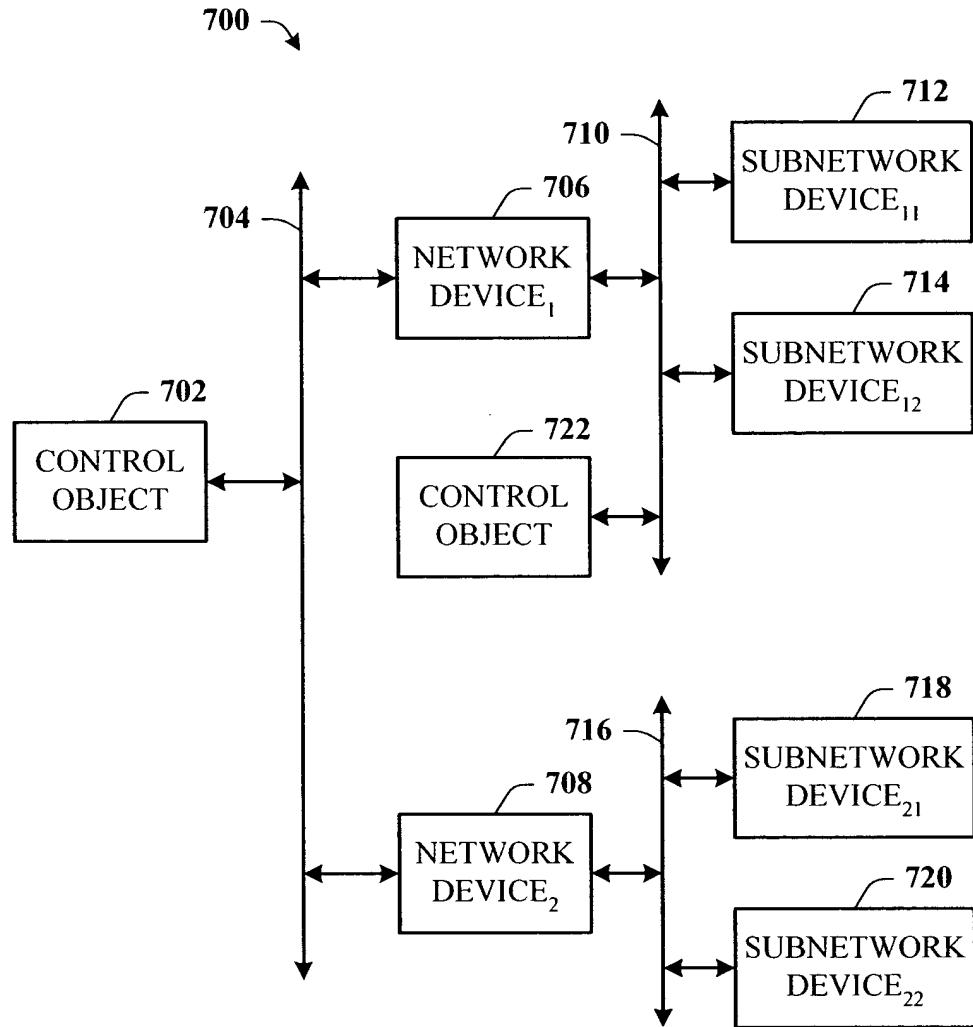


FIG. 7

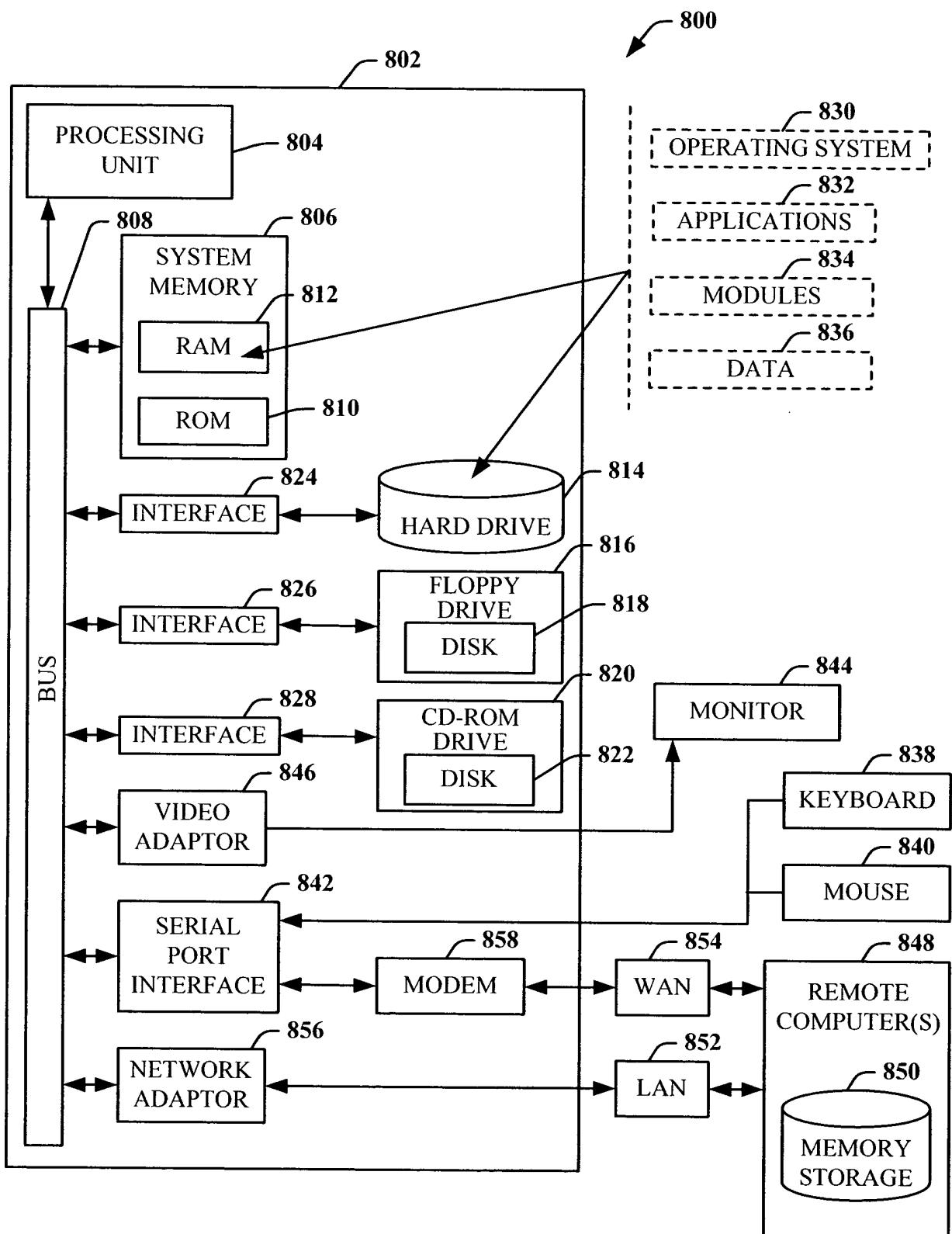


FIG. 8

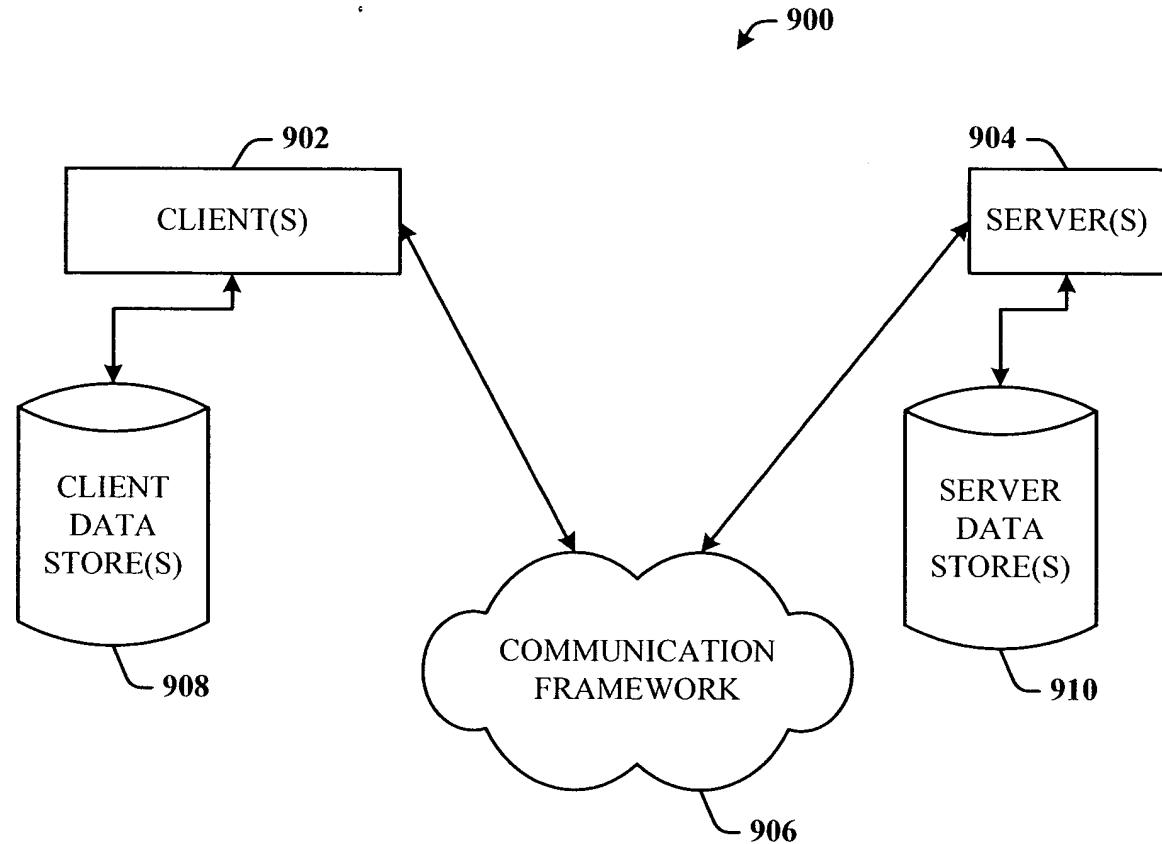


FIG. 9